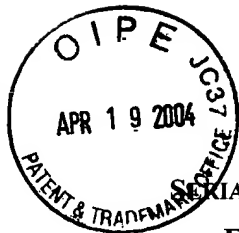


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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Jonathan S. Stamler

SERIAL NUMBER. : 09/977,693

EXAMINER : David A. Lambertson

FILING DATE : October 16, 2001

ART UNIT : 1636

FOR : *PROTEOMIC INTERACTION AND GENOMIC ACTION DETERMINATIONS IN
THE PRESENCE OF ASSOCIATED REDOX STATE CONDITIONS*

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION DATED
NOVEMBER 18, 2003**

In response to the Non-Final Office Action mailed November 18, 2003, Applicant herewith submits this Amendment and response, as follows:

Amendments to the claims are shown in the listing of claims, which begins on page 2 of this paper.

Remarks begin on page 4 of this paper.

Conclusion begins on page 9 of this paper.

Also submitted herewith is a Petition for a Two-Month Extension of Time and the extension fee required under 37 C.F.R. § 1.17(a)(2).

Entry and consideration of this Amendment and associated papers in the application is respectfully requested.